

## ADDITIONS TO THE LIST OF CINCINNATI COLEOPTERA.

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Since the late Charles Dury published an addition to the list of Cincinnati Coleoptera in Vol. XXI, No. 2, of the Journal of the Cincinnati Society of Natural History, there have been no further additions published. We therefore feel that the time which has elapsed has been sufficient to bring to light many heretofore unobserved and interesting beetles, some common, some exceedingly rare.

The list is made up of records from the authors' collections; it does not include any records from Mr. Dury's extensive collection, although it doubtless contains most of the following records as well as a good many others which are not listed here. The time for the task of going through that collection not being immediately available, we have put its investigation aside on the advice of Mr. Ralph Dury. At a later date the theretofore unrecorded forms found in the Dury collection will be published.

The terminology is the same as that used in Blatchley's "Coleoptera of Indiana" except in forms which are not listed therein. The validity of the species here listed is in accordance with Leng's check list and its supplements to date.

The authors take this occasion to acknowledge with deepest thanks the help which Mr. Dury has given them in allowing them to use freely his father's collection for comparison and identification of specimens, and in allowing them to use books and pamphlets which might otherwise have been inaccessible to them. Mr. Whitehouse likewise extends his thanks to Miss K. P. Perin for both the numerous specimens for which he is indebted to her, and for her assistance in making various identifications.

We here present the following additions to the lists of Cincinnati Coleoptera (observed within a radius of twenty miles of Cincinnati); 135 new species and 13 new varieties are presented, bringing the total number of species observed here to 2504:

(Names followed by an asterisk(\*) were previously published in the "Proceedings of the Junior Society of Natural Sciences" Vol. I; Nos. 10 and 11.)

### CICINDELIDAE

*Cicindela scutellaris lecontei*  
Hald.

*rufiventris* Dej.

## CARABIDAE

- |  |                                       |
|--|---------------------------------------|
| <i>Cychnus andrewsi germari</i><br>Chaud.* | variety of questionable<br>validity.) |
| <i>stenostomus indianae</i> Leng           | <i>lecontei</i> Dej.                  |
| <i>Notiophilus novemstriatus</i> Lec.      | <i>caseyi</i> Leng                    |
| <i>Clivina punctigera</i> Lec.             | <i>Thalpeus dorsalis</i> Brullé       |
| <i>americana</i> Dej.                      | <i>Lebia rhodopus</i> Schwarz         |
| <i>Pasimachus costifer</i> Lec.*           | <i>furcata</i> Lec.*                  |
| <i>Bembidion fugax</i> Lec.                | <i>Apristus cordicollis</i> Lec.      |
| <i>Pterostichus relictus</i> Newm.         | <i>Blechnus nigrinus</i> Mann.        |
| <i>Loxandrus rectus</i> Say                | <i>Brachynus quadripennis</i> Dej.    |
| <i>duryi</i> Wright                        | <i>alternans</i> Dej.                 |
| <i>agilis</i> Dej.                         | <i>pulchellus</i> Blatch.             |
| <i>celer</i> Dej.                          | <i>lateralis</i> Dej.                 |
| <i>cincinnatiensis</i> Csy.*               | <i>Chlaenius aestivus</i> Say         |
| <i>Amara pennsylvanica</i> Haywd.          | <i>Oodes amaroides</i> Dej.           |
| <i>Diplochila laticollis</i> Lec.*         | <i>Agonoderus pauperculus</i> Dej.    |
| <i>major</i> Lec.*                         | <i>Harpalus pennsylvanicus</i> com-   |
| <i>impressicollis</i> Dej.                 | <i>par</i> Lec.                       |
| <i>obtusa</i> Lec.                         | <i>convivus</i> Lec.                  |
| <i>Platynus angustatus</i> Dej.            | <i>Selenophorus opalinus</i> Lec.     |
| <i>parmarginatus</i> Ham.                  | <i>pedicularis</i> Dej.               |
| <i>cincticollis</i> Say                    | <i>Stenolophus fuliginosus</i> Dej.   |
| <i>reflexus</i> Lec.                       | <i>Anisodactylus interpunctatus</i>   |
| <i>nutans</i> Say                          | Kby.                                  |
| <i>lutulentus</i> Say                      | <i>furvus</i> Lec.                    |
| <i>Galerita obliqua</i> Csy.               | <i>dulcicollis</i> Laf.               |
| <i>bicolor rhombiceps</i> Csy. (A          |                                       |

## HALIPLIDAE

- Cnemidotus muticus* Lec.  
*pedunculatus* Robts.

## DYTISCIDAE

- |                                    |                         |
|------------------------------------|-------------------------|
| <i>Hydroporus ohionis</i> Fall     | <i>punctatus</i> Melsh. |
| <i>Agabus disintegratus</i> Crotch | <i>gagates</i> Aubé     |
| <i>obtusatus</i> Say               |                         |

## GYRINIDAE

- Dineutes hornii* Robts.

## HYDROPHILIDAE

- |                                  |  |
|----------------------------------|--|
| <i>Hydrochus inaequalis</i> Lec. | <i>Sphaeridium scarabaeoides</i> Linn. |
| <i>Helocombus bifidus</i> Lec.   |  |

SILPHIDAE

*Necrophorus pustulatus* Hersch.

STAPHYLINIDAE

*Cryptobium atriceps* Csy.

COCCINELLIDAE

*Adalia bipunctata* Linn.

*Rodolia cardinalis* Muls.

ENDOMYCHIDAE

*Endomychus biguttatus* Say

EROTYLIDAE

*Languria lecontei* Crotch

CUCUJIDAE

*Silvanus imbellus* Lec.

DERMESTIDAE

*Dermestes caninus* Germ.

*Anthrenus verbasci* Oliv.

HISTERIDAE

*Hister depurator* Say  
*exaratus* Lec.

PARNIDAE

*Elmis vittatus* Melsh.

DASCYLLIDAE

*Ptilodactyla serricollis* Say

ELATERIDAE

*Glyphonyx inquinatus* Say

*Elater sayi* Lec.

*Melanotus longicornis* Blatch.

*sanguinipennis* Say\*

*canadensis* Cand.

*Asaphes brevicollis* Cand.

*sagittarius* Lec.

*Melanactes morio* Fab.

*divarcarinus* Blatch.

*debilis* Blatch.

BUPRESTIDAE

*Agrilus anxius* Gory  
*lacustris* Lec.

*Chrysobothris trinervia* Kly.  
*Dicerca punctulata* Schon.\*

## LAMPYRIDAE

- Ditemnus latilobus* Blatch.                      *Podabrus modestus flavicollis*  
*Telephorus tuberculatus* Lec.                      Lec.

## MALACHIDAE

- Attalus pallifrons* Motsch.

## CLERIDAE

- Hydnocera pubescens* Lec.

## PTINIDAE

- Lyctus planicollis* Lec.

## CUPESIDAE

- Cupes concolor* Westwood

## SCARABAEIDAE

- Euphoria herbacea* Oliv.                      *dubia* Smith  
*Lachnosterna profunda* Blanch.                      *futilis* Lec.  
     *drakei* Kby.                      *Cyclocephala immaculata* Oliv.  
     *anxia* Lec.                                           *nigricollis* Brm.  
     *perlonga* Dav.                      *Ligyris gibbosus* Dej.  
     *implicata* Horn

## CERAMBYCIDAE

- Liopus punctatus* Hald.                      *Acmacops bivittata nigripennis*  
*Mecas pergrata* Say                      Lec.  
*Tetrops monostigma* Haldm.                      *directa* Newman  
*Tetraopes femoratus* Lec.                      *Lepturges symmetricus pictus*  
     *femoratus basalis* Lec.                      Lec.

## CHRYSOMELIDAE

- Coptocycla signifera* Herbst                      *pumillus* Lec.  
     *bicolor* Fabr.                      *sellatus* Horn  
     *plicata* Bon.                      *Donacia subtilis* Kunz  
*Galerucella luteola* Hull                      *Microrhopala vittata* Fabr.  
     *integra* Lec.                      *Systema taeniata* Say  
*Crioceris duodecimpunctata*                      *frontalis* Fabr.  
     Linn.                      *Bassareus clathratus* Melsh.  
*Glyptoscellis crypticus* Say\*                      *Haltica aenescens* Blatch.  
*Typophorus canellus quadrinota-*                      *Pachybrachys confusus* Bowd.  
     *tus* Say                      *sticticus* Blatch.

<i>thoracicus</i> Melsh.	<i>bivittatus</i> Say
<i>aterrimus</i> Oliv.	<i>Lema sexpunctata</i> Oliv.
<i>quadriguttatus</i> Lec.	<i>Griburius scutellatus</i> Fab.

BRUCHIDAE

*Bruchus pectoralis* Horn

TENEBRIONIDAE

*Diaperis maculata* Oliv.

CISTELIDAE

*Hymenorus pilosus* Melsh.

MORDELLIDAE

<i>Anaspis rufa</i> Say	<i>intermixta</i> Helm.
<i>Mordellistena divisa</i> Lec.	<i>dimidiata</i> Helm.
	<i>Mordella discoidea</i> Melsh.

ANTHICIDAE

*Sapintus pubescens* Laf.

MELOIDAE

*Epicauta marginata* Fab.

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**NEW VARIETY OF ANOPHELES PSEUDOPUNCTI-  
PENNIS (DIPTERA, CULICIDAE).**

BY LUIS VARGAS, Mexico, D. F., Mexico.

The extensive distribution of *A. pseudopunctipennis* covering discontinuously the area occupied northerly by the West of the United States and southerly by the northern part of the Argentine Republic in connection with the fact that in some regions it was considered undoubtedly to be a dangerous carrier of malaria as against evidence brought against such a role, had long since presented the question as to whether under the name of *pseudopunctipennis*, there were indicated a number of varieties or genetically different species with unequal qualities in regard to transmission.

Vargas (1939) and Aitken (1940) applied the methods followed in the study of the eggs of the *Anopheles maculipennis* complex to the study of *A. pseudopunctipennis* eggs and were able to distinguish